

SN. 10/701,406

ATTORNEY DOCKET No. SANA:003

IN THE CLAIMS*The status of the claims as presently amended is as follows:*

1-2. (Canceled)

3. (Currently Amended) A ~~vehicular under-seat compartment mechanism according to claim 2~~vehicle seat comprising:

a seat-frame and a seat-cushion disposed on the seat-frame;

an under-seat compartment mechanism comprising:

a hinge mechanism pivotally interconnecting the seat-frame and the seat-cushion so that the seat-cushion is pivotal with respect to the seat-frame;

a compartment under the seat having an opening; and

a lock mechanism, integrated with the hinge mechanism, for locking the seat-cushion at an upright position, at which the seat-cushion is pivoted with respect to the seat-frame so that said compartment becomes accessible; and

a release mechanism for releasing the locking of the seat-cushion by the lock mechanism,

wherein said release mechanism includes:

an unlocking strap disposed at a rear end of the seat-cushion, and

a wire linking between said unlocking strap and said lock mechanism in such a manner that when said unlocking strap is operated by an user, the locking of the seat-cushion by said lock mechanism is released.

4. (Currently Amended) A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 3, wherein said lock mechanism includes:

a cam[[.]] fixed on the seat-frame, said cam having a first slot and a second slot, and

a lock member, disposed to the seat-cushion, for selectively engaging with one of said first and second slots so that when said lock member engages with said second slot, the seat-cushion is locked in the upright position and so that when said lock member engages with said

SN. 10/701,406

ATTORNEY DOCKET NO. SANA:003

first slot, the seat-cushion is locked in a horizontal position at which the seat-cushion lays on the seat-frame horizontally.

5. *(Currently Amended)* A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 4, further comprising an inner lid, disposed between the seat-cushion and said compartment, for covering the opening of said compartment.

6. *(Currently Amended)* A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 5, further comprising:

a seat-hook attached at the back face of the seat-cushion, and
an inner lid strap attached to said inner lid to be hooked on said seat-hook.

7. *(Currently Amended)* A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 6, further comprising an extra wall upwardly projected from an edge of the opening of said compartment along with the edge of the opening.

8. *(Currently Amended)* A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 7, further comprising one or more netting hooks, disposed around the opening of said compartment, for engaging a net so as to keep an object in said compartment.

9. *(Currently Amended)* A ~~vehicular under-seat compartment mechanism~~according to claim 1, vehicle seat comprising:

a seat-frame and a seat-cushion disposed on the seat-frame;

an under-seat compartment mechanism comprising:

a hinge mechanism pivotally interconnecting the seat-frame and the seat-cushion
so that the seat-cushion is pivotal with respect to the seat-frame;

a compartment under the seat having an opening; and

SN. 10/701,406

ATTORNEY DOCKET NO. SANA:003

a lock mechanism, integrated with the hinge mechanism, for locking the seat-cushion at an upright position, at which the seat-cushion is pivoted with respect to the seat-frame so that said compartment becomes accessible,

wherein said lock mechanism includes:

a cam[[,]] fixed on the seat-frame, said cam having a first slot and a second slot, and

a lock member, disposed to the seat-cushion, for selectively engaging with one of said first and second slots so that when said lock member engages with said second slot, the seat-cushion is locked in the upright position and so that when said lock member engages with said first slot, the seat-cushion is locked in a horizontal position at which the seat-cushion lays on the seat-frame horizontally.

10. *(Currently Amended)* A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 4, further comprising:

a seat-hook attached at ~~the~~a back face of the seat-cushion, and
an inner lid strap attached to said inner lid to be hooked on said seat-hook.

11. *(Currently Amended)* A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim 10, further comprising an extra wall upwardly projected from an edge of the opening of said compartment along with the edge of the opening.

12. *(Currently Amended)* A ~~vehicular under-seat compartment mechanism~~vehicle seat according to claim [[1]]3, further comprising:

a seat-hook attached at the back face of the seat-cushion, and
an inner lid strap attached to said inner lid to be hooked on said seat-hook.

13. *(Canceled)*

SN. 10/701,406

ATTORNEY DOCKET NO. SANA:003

14. (*Currently Amended*) A ~~vehicular under-seat compartment mechanism~~ according to claim ~~13, further~~ vehicle seat comprising:

a seat-frame and a seat-cushion disposed on the seat-frame;

an under-seat compartment mechanism comprising:

a hinge mechanism pivotally interconnecting the seat-frame and the seat-cushion so that the seat-cushion is pivotal with respect to the seat-frame;

a compartment under the seat having an opening;

a lock mechanism, integrated with the hinge mechanism, for locking the seat-cushion at an upright position, at which the seat-cushion is pivoted with respect to the seat-frame so that said compartment becomes accessible;

an inner lid, disposed between the seat-cushion and said compartment, for covering the opening of said compartment;

a seat-hook attached at the back face of the seat-cushion[[]]; and

an inner lid strap attached to said inner lid to be hooked on said seat-hook.

15. (*Currently Amended*) A ~~vehicular under-seat compartment mechanism~~ vehicle seat according to claim 14, further comprising an extra wall upwardly projected from an edge of the opening of said compartment along with the edge of the opening.

16. (*Currently Amended*) A ~~vehicular under-seat compartment mechanism~~ vehicle seat according to claim 15, further comprising one or more netting hooks, disposed around the opening of said compartment, for engaging a net so as to keep an object in said compartment.

17. (*Canceled*)

18. (*Currently Amended*) A ~~vehicular under-seat compartment mechanism~~ according to claim ~~17, further~~ vehicle seat comprising:

a seat-frame and a seat-cushion disposed on the seat-frame;

SN. 10/701,406

ATTORNEY DOCKET NO. SANA:003

an under-seat compartment mechanism comprising:

a hinge mechanism pivotally interconnecting the seat-frame and the seat-cushion
so that the seat-cushion is pivotal with respect to the seat-frame;

a compartment under the seat having an opening;

a lock mechanism, integrated with the hinge mechanism, for locking the seat-
cushion at an upright position, at which the seat-cushion is pivoted with respect to the
seat-frame so that said compartment becomes accessible;

an extra wall upwardly projected from an edge of the opening of said
compartment along with the edge of the opening; and

one or more netting hooks, disposed around the opening of said compartment, for
engaging a net so as to keep an object in said compartment.